UNICEF INNOVATION CHALLENGE
RWANDA @ 40 · FINALIST 2026

No child lost.

Student health monitoring between school, home and healthcare.

School health is a cross-sector platform for health promotion and early identification of students' illness.



1 THE CHALLENGE

No electronic system currently links schools to health facilities for student-specific referral and feedback. SHMS closes that gap.

4.7M learners; school referrals are not routinely visible in health reporting.[1]

[1] Mugisha et al., Front Public Health 2026 (MINEDUC 2023/24)

24 Kigali stakeholders reported:

91.7%	use paper health registers
Routine formal electronic referral	0%
Routine confirmation a learner was seen	4.5%
Schools usually or always get feedback	31.8%

2 PROPOSED SOLUTION

BUILT Working web prototype

Turning Referrals into Care

Record & refer

School nurse / focal person

Records the event in a web form and sends a referral.

Confirm & treat

Health-centre (PHC) provider

Confirms the visit and sends feedback.

Follow up & act

Sector · District · MoH · MINEDUC

Health and education in-charges see dashboards.

PLANNED · NOT YET BUILT

AI early flags

Flags learners who may need earlier support. A professional reviews every alert.

Parent SMS

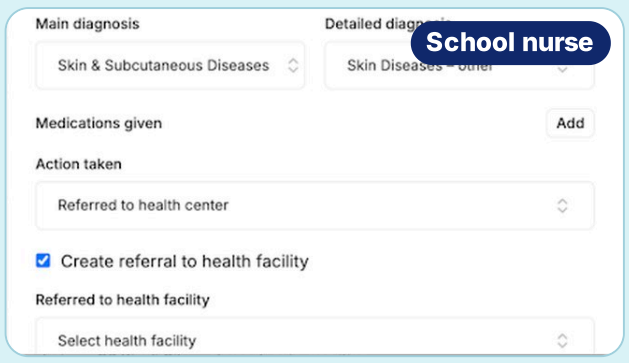
Consent-based alerts to parents, with no diagnostic detail.

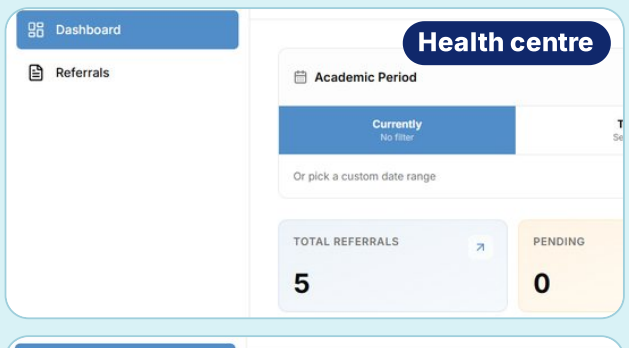
Consent first · Minimum data · Bias checks

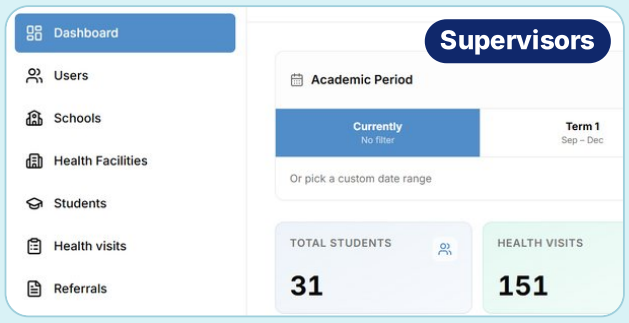
Before the pilot: usability test and security review.

3 RESULTS

See It Working







Role-based access · audit logs

4 IMPACT

What Changes

Child
Earlier care, fewer absences

School
Sees every referral through

Parent
Informed by SMS (planned)

Health centre
Referrals in, feedback out

SUCCESS MEASURES

Proposed 6-month pilot: 5–8 schools, 2 PHCs, co-designed with learners incl. children with disabilities

Electronic referrals ↑	Visits confirmed ↑
Feedback to schools ↑	Return to learning ↑
Time to care ↓	Missed school days ↓

TRY THE LIVE PROTOTYPE
shms.rumuliglobal.com
#NoChildLost

SHMS
School Health Monitoring and Referral System

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